AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Currently Amended) A gateway ~~card that is connected to an information processor~~ device, the gateway ~~card~~ device receiving and transmitting data between different networks, the gateway ~~card~~ device comprising:

an information processor including a remote control data setting controller to set remote control data that controls operation of an apparatus to be remote controlled; and

a gateway card, the gateway card including

a receiving unit that receives from a plurality of remote control ~~device~~ devices remote control data to be set to ~~an apparatus~~ either one of apparatuses to be remote controlled and a remote control request, notifies a power controller of the information processor of a request to return a power mode of the information processor from a power-saving mode to a normal power mode, and hands over the remote control data to the information processor;

a data setting unit that makes the information processor set the remote control data to the apparatus to be remote controlled; and

a power control unit that changes [[a]] the power mode of the information processor from [[a]] the power-saving mode to [[a]] the normal power mode in response to the receiving unit receiving the remote control request, and changes the power mode of the

information processor from the normal power mode to the power-saving mode in response to completion of the setting of the remote control data to ~~the~~ apparatus to be remote controlled.

2. (Original) The gateway card according to claim 1, further comprising an e-mail unit that receives a completion e-mail, which indicates that the setting of in the remote control data to apparatus to be remote controlled is complete, from the information processor, and that transmits the completion e-mail to the remote control device, whereby an operator of the remote control device knows that the setting of in the remote control data to apparatus to be remote controlled is complete.

3. (Original) The gateway card according to claim 1, wherein the data setting unit identifies one apparatus to be remote controlled from among a plurality of apparatuses from information contained in the remote control data, and makes the information processor set the remote control data to the identified apparatus.

4. (Currently Amended) A gateway control method applied to a gateway card that is connected to an information processor, the gateway card receiving and transmitting data between different networks, the gateway control method comprising:

receiving from a plurality of remote control ~~device~~ devices remote control data to be set to ~~an apparatus~~ either one of apparatuses to be remote controlled and a remote control request, said receiving further including notifying a power controller of the information processor of a

request to return a power mode of the information processor from a power-saving mode to a

normal power mode, and handing over the remote control data to the information processor;

shifting [[a]] the power mode of the information processor from a power-saving mode to

[[a]] the normal power mode upon reception of the remote control request;

making the information processor set the remote control data to the apparatus to be

remote controlled; and

shifting the power mode of the information processor from the normal power mode to the

power-saving mode, when the setting of the remote control data to the apparatus to be remote

controlled is complete.

5. (Original) The gateway control method according to claim 4, further comprising

receiving a completion e-mail, which indicates that the setting of in the remote control data to

apparatus to be remote controlled is complete, from the information processor, and transmitting

the completion e-mail to the remote control device, whereby an operator of the remote control

device knows that the setting of in the remote control data to apparatus to be remote controlled is

complete.

6. (Original) The gateway control method according to claim 4, further comprising

identifying one apparatus to be remote controlled from among a plurality of apparatuses from

information contained in the remote control data, and making the information processor set the

remote control data to the identified apparatus.

7. (Currently Amended) A computer program that is applied to a gateway card that is connected to an information processor, the gateway card receiving and transmitting data between different networks, the computer program making a computer execute a method comprising:

receiving from a plurality of remote control device devices remote control data to be set to an apparatus either one of apparatuses to be remote controlled and a remote control request, said receiving further including notifying a power controller of the information processor of a request to return a power mode of the information processor from a power-saving mode to a normal power mode, and handing over the remote control data to the information processor;

shifting [[a]] the power mode of the information processor from [[a]] the power-saving mode to [[a]] the normal power mode upon reception of the remote control request;

making the information processor set the remote control data to the apparatus to be remote controlled; and

shifting the power mode of the information processor from the normal power mode to the power-saving mode, when the setting of the remote control data to the apparatus to be remote controlled is complete.

8. (Original) The computer program according to claim 7, further making the computer execute receiving a completion e-mail, which indicates that the setting of in the remote control data to apparatus to be remote controlled is complete, from the information processor, and transmitting the completion e-mail to the remote control device, whereby an operator of the

remote control device knows that the setting of in the remote control data to apparatus to be

remote controlled is complete.

9. (Original) The computer program according to claim 7, further making the computer

execute identifying one apparatus to be remote controlled from among a plurality of apparatuses

from information contained in the remote control data, and making the information processor set

the remote control data to the identified apparatus.

10. (Currently Amended) A gateway apparatus, comprising:

an information processor;

a gateway section connected to the information processor and that receives and transmits

data between different networks, the gateway section including,

a receiving unit that receives from a plurality of remote control device devices

remote control data to be set to an apparatus either one of apparatuses to be remote controlled

and a remote control request;

a returning unit that issues a return notification to return a power mode of the

information processor from a power-saving mode to a normal power mode when the receiving

unit receives the remote control request;

a data setting unit that makes the information processor set the remote control data

to the apparatus to be remote controlled; and

a changing unit that issues a shift notification to change the power mode of the information processor from the normal power mode to the power-saving mode when the setting of the remote control data to the apparatus to be remote controlled is complete, and

the information processor includes a power control unit that returns the power mode of the information processor from the power-saving mode to the normal power mode based on the return notification, and changes the power mode of the information processor from the normal power mode to the power-saving mode based on the shift notification.

11. (Original) The gateway apparatus according to claim 10, further comprising an e-mail unit that receives a completion e-mail, which indicates that the setting of in the remote control data to apparatus to be remote controlled is complete, from the information processor, and that transmits the completion e-mail to the remote control device, whereby an operator of the remote control device knows that the setting of in the remote control data to apparatus to be remote controlled is complete.

12. (Original) The gateway apparatus according to claim 10, wherein the data setting unit identifies one apparatus to be remote controlled from among a plurality of apparatuses based on the remote control data, and makes the information processor set the remote control data to the identified apparatus.

13. (Currently Amended) A gateway control method applied to a gateway apparatus that

has an information processor and a gateway section that is connected to the information

processor, the gateway section receiving and transmitting data between different networks,

comprising:

the gateway section executing

receiving from a plurality of remote control ~~device~~ devices remote control data to

be set to ~~an apparatus~~ either one of apparatuses to be remote controlled and a remote control

request;

issuing a return notification to return a power mode of the information processor

from a power-saving mode to a normal power mode when the remote control request is received;

making the information processor set the remote control data to the apparatus to

be remote controlled; and

issuing a shift notification to change the power mode of the information processor

from the normal power mode to the power-saving mode, when the setting of the remote control

data to ~~the~~ apparatus to be remote controlled is complete, and

the information processor executing returning the power mode of the information

processor from the power-saving mode to the normal power mode based on the return

notification, and changing the power mode of the information processor from the normal power

mode to the power-saving mode based on the shift notification.

14. (Original) The gateway control method according to claim 13, further comprising receiving a completion e-mail, which indicates that the setting of in the remote control data to apparatus to be remote controlled is complete, from the information processor, and transmitting the completion e-mail to the remote control device, whereby an operator of the remote control device knows that the setting of in the remote control data to apparatus to be remote controlled is complete.

15. (Original) The gateway control method according to claim 13, further comprising identifying one apparatus to be remote controlled from among a plurality of apparatuses from information contained in the remote control data, and making the information processor set the remote control data to the identified apparatus.

16. (Currently Amended) A computer program applied to a gateway apparatus that has an information processor and a gateway section that is connected to the information processor, the gateway section receiving and transmitting data between different networks, wherein the computer program makes the gateway section execute a method comprising:

receiving from a plurality of remote control device devices remote control data to be set to an apparatus either one of apparatuses to be remote controlled and a remote control request;

issuing a return notification to return a power mode of the information processor from a power-saving mode to a normal power mode when the remote control request is received;

making the information processor set the remote control data to the apparatus to be remote controlled; and

issuing a shift notification to change the power mode of the information processor from the normal power mode to the power-saving mode, when the setting of the remote control data to the apparatus to be remote controlled is complete, and

the information processor ~~execute~~ executing returning the power mode of the information processor from the power-saving mode to the normal power mode based on the return notification, and changing the power mode of the information processor from the normal power mode to the power-saving mode based on the shift notification.

17. (Original) The computer program according to claim 16, further making the computer execute receiving a completion e-mail, which indicates that the setting of in the remote control data to apparatus to be remote controlled is complete, from the information processor, and transmitting the completion e-mail to the remote control device, whereby an operator of the remote control device knows that the setting of in the remote control data to apparatus to be remote controlled is complete.

18. (Original) The computer program according to claim 16, further making the computer execute identifying one apparatus to be remote controlled from among a plurality of apparatuses from information contained in the remote control data, and making the information processor set the remote control data to the identified apparatus.

19. (Previously Presented) The gateway card according to claim 2, wherein the power control unit changes the power mode of the information processor from the normal power mode to the power-saving mode after the transmission of the completion e-mail is completed.

20. (Previously Presented) The gateway apparatus according to claim 11, wherein the changing unit issues the shift notification to change the power mode of the information processor from the normal power mode to the power-saving mode after the transmission of the completion e-mail is completed.